

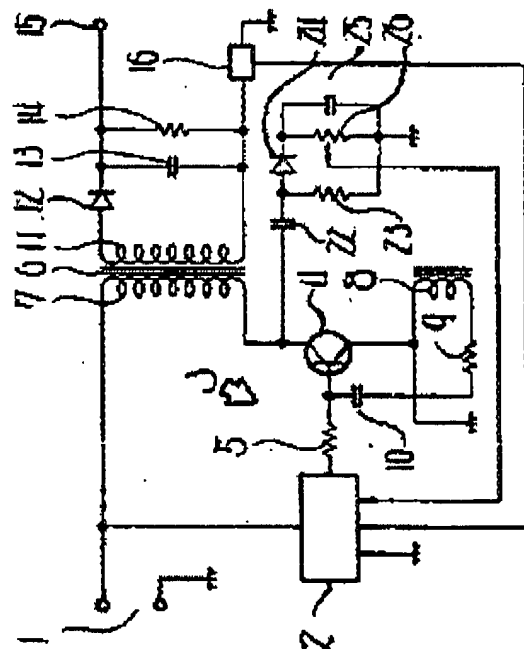
POWER SOURCE

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 - international: H02M7/537; H02M3/335
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Abstract of JP58165674

PURPOSE: To eliminate the necessity of providing a detecting coil in a transformer by producing an AC component through a capacitor from the collector of a transistor, rectifying and smoothing the component as the operating reference of a control circuit.
CONSTITUTION: A capacitor 22 is connected to the collector of a transistor 4, a rectifier which has a resistor 23 and a diode 24 is connected to a smoothing circuit which has a condenser 25, and connected through a variable resistor 26 to a control circuit 2. A high voltage is generated from an output terminal 15 due to self-oscillation and a voltage rise. At this time only the AC component of the collector of the transistor 4 is padded through the capacitor 22, rectified and smoothed via the diode 24 and the condenser 25, and a control signal is applied as the variation of the DC voltage from the resistor 26 to the control circuit 2.



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